



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D119-646-313
Job Sheet 180141



Part No: D119-646-313

Job Qty: 2 ea

Part Name: Skidtube Protector, LH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/29/18

Job Tracking No:

Due Date: 9/17/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV B IPP REV:A 15.12.10 NEW ISSUE DD VERF:JLM IPP REV:B 17.05.10 AS PER DSI9734 REVB
DD VERF:JFS IPP REV:C 17.08.16 AS PER DSI9734 REVC DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea	9/17/18	9/17/18	0.00	0.00	Start Up Stores/Pkg-1		AUG 02 2018
110	Packaging	2 pcs	9/17/18	9/17/18	0.00	0.00	Packaging1-1		AUG 09 2018
120	QC	2 pcs	9/17/18	9/17/18	0.00	0.00	QC4		AUG 09 2018
130	Packaging	2 pcs	9/17/18	9/17/18	0.00	0.00	Packaging3-1		AUG 14 2018
135	DC	2 pcs	9/17/18	9/17/18	0.00	0.00	DC		AUG 14 2018
140	QC21-FG	2 Ea	9/17/18	9/17/18	0.00	0.00	QC21		AUG 14 2018

Part Op 130 - Identify and pack for shipping as per PPP D119-646-313 Location:
Descriptions: 135 - Photocopy bluefile & type labels per PPP D119-646-313 CHG002

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-45A	Bolt	8 Ea (4 ea)	90-Start up Operation	
AN3-47A	Bolt	12 Ea (6 ea)	90-Start up Operation	
AN3-50A	Bolt	12 Ea (6 ea)	90-Start up Operation	
D3904-1	Washer	12 Ea (6 ea)	90-Start up Operation	
D4506-3	Washer	12 Ea (6 ea)	90-Start up Operation	
D5369-1	Cable Guard	2 Ea (1 ea)	90-Start up Operation	
D5371-1	Hook	2 Ea (1 ea)	90-Start up Operation	
D5372-1	Plug	2 Ea (1 ea)	90-Start up Operation	
D5374-1	Bushing	12 Ea (6 ea)	90-Start up Operation	
D5374-3	Bushing	16 Ea (8 ea)	90-Start up Operation	
D5376-1	Drilling Tool	2 Ea (1 ea)	90-Start up Operation	
MS21042L3	Nut	20 Ea (10 ea)	90-Start up Operation	
NAS1149D0316J	Washer	8 Ea (4 ea)	90-Start up Operation	
NAS1149D0332J	Washer	36 Ea (18 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3-45A	8	3	0
	AN3-47A	12	80	0
	AN3-50A	12	38	0
	D3904-1	12	90	0
	D4506-3	12	9	0

004831

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																															
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Container No: S098848
 Part: D119 - 646 - 313
 Job No: 180141
 Serial No/Batch: S098848
 Revision: C
 Inspector:
 Exp Date:
 Instructions: FAA STC SR02024SE 15/06/2025 STC LoA P-09-0407 - RDIMS

DART Aerospace Ltd.
 1270 Aberdeen Street
 Haverhill, ON K6A 1K7
 CANADA
 TEL: 1 519 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

D5369-1	2	1	0
D5371-1	2	1	0
D5372-1	2	6	0
D5374-1	12	2	0
D5374-3	16	8	0
D5376-1	2	5	0
MS21042L3	20	1,209	0
NAS1149D0316J	8	633	0
NAS1149D0332J	36	1,549	0

Part Specifications

Specifications could not be found.

Plex 6/29/18 9:21 AM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Tel (613) 632-5200
Fax 613 632-5246

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
004831	S098843	AN3-45A	Bolt	s093618	ST346	8
004831	S098842	AN3-47A	Bolt	s084129	ST346	12
004831	S071341	AN3-50A	Bolt	S071341	ST346	6
004831	S098840	AN3-50A	Bolt	s093754	ST346	6
004831	S098839	D3904-1	Washer	s055204	ST055	12
004831	S098836	D4506-3	Washer	s098709	ST099	12
004831	S005847	D5369-1	Cable Guard	S005846	ST479A	1
004831	S074947	D5369-1	Cable Guard	S074946	ST479A	1
004831	S075992	D5371-1	Hook	S075268	ST159	1
004831	S098835	D5371-1	Hook	S097189 97189	ST159	1
004831	S052547	D5372-1	Plug	S052545	ST159	1
004831	S098834	D5372-1	Plug	s090035 x1	ST159	1
004831	S098833	D5374-3	Bushing	s096646	ST159	16
004831	S098832	D5376-1	Drilling Tool	s089850	ST365	2
004831	S098831	MS21042L3	Nut	s089340	ST303	20
004831	S098830	NAS1149D0316J	Washer	fm134502-2	ST264	8
004831	S098829	NAS1149D0332J	Washer	S035396	ST264	36

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 8/2/18 3:23 PM dart.quirion.sonia

D5371-1 x 2 S095613

D5374-1 x 10 S000391

S097189
\$10565472

REFERENCE ONLY

10.0 PARTS LIST:

Qty. -313	Qty. -314	PART NUMBER	DESCRIPTION
X		D119-646-313	SKIDTUBE PROTECTOR, LH
	X	D119-646-314	SKIDTUBE PROTECTOR, RH
6	6	D3904-1	WASHER
6	6	D4506-3	WASHER
1		D5369-1	CABLE GUARD, LH
	1	D5369-2	CABLE GUARD, RH
1		D5371-1	HOOK, LH
	1	D5371-2	HOOK, RH
1	1	D5372-1	PLUG
6	6	D5374-1	BUSHING
8	8	D5374-3	BUSHING
1	1	D5376-1	DRILLING JIG
4	4	AN3-45A	BOLT
6	6	AN3-47A	BOLT
6	6	AN3-50A	BOLT
18	18	NAS1149D0332J	WASHER
4	4	NAS1149D0316J	WASHER
10	10	MS21042L3	NUT

11.0 WEIGHT AND BALANCE

The following weight and balance changes are applicable:

Installation	Weight	LONGITUDINAL		LATERAL	
		Arm	Moment	Arm	Moment
D119-646-313 SKIDTUBE PROTECTOR, LH ON STANDARD SKIDTUBE	4.3 lb 1.95 kg	108.1 in 4.3 m	465 in-lb 8.4 kg-m	-43.4 in 1.7 m	-187 in-lb -3.3 kg-m
D119-646-314 SKIDTUBE PROTECTOR, RH ON STANDARD SKIDTUBE	4.3 lb 1.95 kg	108.1 in 4.30 m	465 in-lb 8.4 kg-m	43.4 in 1.7 m	187 in-lb 3.3 kg-m
D119-646-313 SKIDTUBE PROTECTOR, LH ON FLOAT SKIDTUBE	1.6 lb 0.72 kg	133.3 in 3.38 m	213 in-lb 2.4 kg-m	-43.4 in -1.7 in	69 in-lb 1.2 kg-in
D119-646-314 SKIDTUBE PROTECTOR, RH ON FLOAT SKIDTUBE	1.6 lb 0.72 kg	133.3 in 3.38 m	213 in-lb 2.4 kg-m	43.4 in 1.7 in	69 in-lb 1.2 kg-in

REFERENCE ONLY

APPROVED

DESIGN	RF	DART AEROSPACE USA, INC. EUGENE, OR	
DRAWN	VS		
CHECKED	MB	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9734	SHEET 8 OF 15
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SKIDTUBE PROTECTOR KIT	NTS
DATE	17.06.27	COPYRIGHT © 2015 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

PAGE 1 OF 1

Description: SKIDTUBE PROTECTOR, LH/RH

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